

## ENGINE DRIVEN WELDER TS 415 VS/EL-BC - VSX/EL-BC

### FEATURES

- Arc welding source in D.C. welding
- Electronic regulation of welding current
- Welds any type of electrode, including cellulosic
- Special BC (Base Current) circuit for pipes descending welding
- Double welding range (20A-200A / 20A-400A)
- A.C. generator, single-phase and three-phase
- Aux power also available while welding
- Ground fault interruptor
- Silenced
- Meets EC directives for noise and security



The images are for reference

Standard equipment											
	Diesel engine	Air cooling	Electric starter	Battery 12V	ES Engine protection	Oil pressure shut down	High temp. engine shut down	Battery charge alarm	Low fuel indicator	Fuel level gauge	Hours-meter
Options on request											
	Asynchronous alternator	Welding current electr. regulation	Base current diode bridge	Socket 3~	Socket 1~	Output 48 V	Ground fault interruptor	Thermal shut off	Voltmeter	Ready for TC	Central lifting eye

	<ul style="list-style-type: none"> <li>• Tank locking cap</li> <li>• Remote control: TC2 (cable 20m) - TC2/50 (cable 50m)</li> <li>• Welding cables: K400 (20+15m, 50mm<sup>2</sup>)</li> </ul>	<ul style="list-style-type: none"> <li>• Welding kit (mask, gloves, etc.)</li> <li>• Cyclone air pre-filter</li> <li>• Earthing kit</li> </ul>	<ul style="list-style-type: none"> <li>• Site tow CTL22</li> <li>• Road trolley CTV1/O</li> <li>• Road trolley CTV1/S</li> </ul>
	<ul style="list-style-type: none"> <li>• Auxiliary output: 400Y - 230I - 48I : 1x400V 32A 3P+N+T CEE - 1x230V 32A 2P+T CEE - 1x230V 16A 2P+T CEE</li> <li>• Auxiliary output: 400Y - 230I : 1x400V 32A 3P+N+T CEE - 1x230V 32A 2P+T CEE</li> </ul>		
	<ul style="list-style-type: none"> <li>• Arc control kit</li> <li>• Arc Gouging dedicated socket</li> </ul>		

<b>Technical data</b>	<b>TS 415 VS/EL-BC</b>	<b>TS 415 VSX/EL-BC</b>
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### D.C. WELDING (Constant Current)

Current range, continuous	20A ÷ 400A
Duty cycle	400 A 60% - 350 A 100%
Open circuit voltage	70 V

### A.C. GENERATION - 50Hz - *Three-phase asynchronous alternator, self-regulated, self-excited, brushless*

Three-phase power	16 kVA / 400 V / 23.1 A
Single-phase power	12 kVA / 230 V / 52.2 A
Single-phase power	5 kVA / 48 V / 104 A
Insulation class	H

### ENGINE - *Diesel, 4-stroke, aspirated, direct injection, air cooled*

Model	VM motori SUN 2105 E2
* Output	18.5 kW (25 HP)
Cylinders / Displacement	2/ 1992 cm <sup>3</sup>
Speed	1500 rpm
Fuel consumption (welding 60%)	3.6 l/h

\* Maximum output (not overloadable) according to ISO 3046-1

### GENERAL SPECIFICATIONS

Tank capacity	60 l
Running time (welding 60%)	16.6 h
IP protection degree	IP 23
* Dimensions LxIhx (mm)	1720x980x1080
* Dry weight	840 kg
** Measured acoustic power LwA (pressure LpA)	95 dB(A)(70 dB(A) @ 7m)
** Guaranteed acoustic power LwA (pressure LpA)	95 dB(A)(70 dB(A) @ 7m)
*** Acoustic power LwA (pressure LpA)	98 dB(A)(73 dB(A) @ 7m)

\* Values shown do not include trolleys \*\* Acoustic power according to European Directive 2000/14/EC. \*\*\* For fixed installation only in the EU market.

Specifications subject to change without notice. For further information please contact the sales department.